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Clostridium thermocellum
Cellulosome; Cellulose binding; Cellulase (Poole, D.M. (99) 181)

CO_2-limited continuous culture
Inorganic carbon concentration; RuBisCo activity; *Synechococcus*; Polypeptide (42 kDa); Cyanobacteria (Bloye, S.A. (99) 79)

Conjugation
Enterococcus faecalis; Bacteriocin; Plasmid (Salzano, G. (99) 1)

Contamination
Cell culture; *Mycoplasma*; Polymerase chain reaction (Spaepen, M. (99) 89)

Cosmid
lacZα; JHJ-3 replicon; *Streptomyces*; *Saccharopolyspora*; *Escherichia coli* (Gaudreau, L.R. (99) 257)

Cryptosporidium parvum
IgA; Mucosal antigen (Reperant, J.-M. (99) 7)

Cyanobacteria
CO_2-limited continuous culture; Inorganic carbon concentration; RuBisCo activity; *Synechococcus*; Polypeptide (42 kDa) (Bloye, S.A. (99) 79)

Cytoplasmic high-level expression
Penicillin-binding protein; *Escherichia coli*; In vivo crystallization (Van der Linden, M.P.G. (99) 117)

Degradation of xenobiotics
Azo-dye decolorization; DNA cloning; *Rhodococcus*; Nocardioforms (Heiss, G.S. (99) 221)

Dihydropyrimidinase
Pyrimidine; Nucleoside hydrolase; Dihydropyrimidine dehydrogenase; Taxonomy; *Pseudomonas* (West, T.P. (99) 305)

Dihydropyrimidine dehydrogenase
Pyrimidine; Nucleoside hydrolase; Dihydropyrimidinase; Taxonomy; *Pseudomonas* (West, T.P. (99) 305)

DNA cloning
Azo-dye decolorization; Degradation of xenobiotics; *Rhodococcus*; Nocardioforms (Heiss, G.S. (99) 221)

DNA hybridization
β-Lactamase; Polymerase chain reaction; *Streptomyces cacaoi* (Magdalena, J. (99) 101)

DnaK
DNA supercoiling; Potassium ions; Osmotic upshock; *Escherichia coli* (Meury, J. (99) 159)

DNA probe
Citrobacter freundii; Pore protein; PhoE protein; *pho* Regulon; Polymerase chain reaction (Spierings, G. (99) 199)

DNA supercoiling
Potassium ions; Osmotic upshock; DnaK; *Escherichia coli* (Meury, J. (99) 159)

Elongation
High pressure; *Escherichia coli*; Ethanol (Tamura, K. (99) 321)

Enterococcus faecalis
Bacteriocin; Plasmid; Conjugation (Salzano, G. (99) 1)

Escherichia coli
Photoreactivation; *recA* induction; Mutagenesis; Ultraviolet light (Yamamoto, K. (99) 31)

Factor for inversion stimulation; Growth-rate regulation; Stable RNA synthesis (Nilsson, L. (99) 85)

Penicillin-binding protein; Cytoplasmic high-level expression; In vivo crystallization (Van der Linden, M.P.G. (99) 117)

Type 1 fimbriae; Gene regulation; HNS nucleoid protein; Integration host factor (Dorman, C.J. (99) 125)

P-fimbriae; Toxins; Virulence (Blanco, J. (99) 131)

DNA supercoiling; Potassium ions; Osmotic upshock; DnaK (Meury, J. (99) 159)

PHA synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; Granule-associated proteins; *Chromatium vinosum*; *Alcaligenes eutrophus*; Lysozyme (Liebergesell, M. (99) 227)

lacZα; JHJ-3 replicon; Cosmid; *Streptomyces*; *Saccharopolyspora* (Gaudreau, L.R. (99) 257)

Xylanase cloning; *Chainia*; λ gt10; pUC8 (Chauthaiwale, V.M. (99) 265)

Salmonella typhimurium; Plasmid; Virulence factor; Regulation; Growth phase; Sigma factor (Norel, F. (99) 271)

Campylobacter jejuni; Pore proteins; Antigenicity of bacterial membrane proteins (Kervella, M. (99) 281)

glyA operator; PurR repressor; *glyA–lac* Fusion; Negative regulation (Steiert, J.G. (99) 299)

High pressure; Ethanol; Elongation (Tamura, K. (99) 321)

Ethanol
High pressure; *Escherichia coli*; Elongation (Tamura, K. (99) 321)

Extracellular matrix
Candida albicans; Fibronectin; Glycosaminoglycan; Heparin (Klotz, S.A. (99) 205)

Factor for inversion stimulation
Escherichia coli; Growth-rate regulation; Stable RNA synthesis (Nilsson, L. (99) 85)

Fibronectin
Candida albicans; Extracellular matrix; Glycosaminoglycan; Heparin (Klotz, S.A. (99) 205)

Flagella
Campylobacter; Flagella variation (Diker, K.S. (99) 261)

Flagella variation
Campylobacter; Flagella (Diker, K.S. (99) 261)

Fluorescein-12-dUTP
Reverse probing; Immobilised capture probe; Polymerase chain reaction; Mycobacteria (Woolford, A.J. (99) 311)

Freeze-substitution
Triangular bacterium; *Haloarcula japonica*; Ultrastructure (Nishiyama, Y. (99) 43)

Fungi
17β-Hydroxysteroid dehydrogenase; Steroid oxidoreduction; Trichoderma viride (Lanišnik, T. (99) 49)

Fusarium oxysporum* f. sp. *lycopersici
Biological control; Cell wall; Chitosan (Alfonso, C. (99) 169)

***glyA*–*lac* Fusion**
glyA operator; PurR repressor; Negative regulation; *Escherichia coli* (Steiert, J.G. (99) 299)

***gidA* Gene**
Borrelia burgdorferi; Linear chromosome; *gyrA* Gene; *gyrB* Gene (Old, I.G. (99) 245)

***gyrA* Gene**
Borrelia burgdorferi; Linear chromosome; *gyrB* Gene; *gidA* Gene (Old, I.G. (99) 245)

***gyrB* Gene**
Borrelia burgdorferi; Linear chromosome; *gyrA* Gene; *gidA* Gene (Old, I.G. (99) 245)

Gene expression
Carotenogenesis; *Mycobacterium aurum*; *Mycobacterium vaccae*; Photo-induction (Houssaini-Iraqui, M. (99) 233)

Gene regulation
Type 1 fimbriae; HNS nucleoid protein; Integration host factor; *Escherichia coli* (Dorman, C.J. (99) 125)

Genetically modified microbial inocula
Microbial activity in the soil; Luminescence-based microbial detection; *Pseudomonas fluorescens* (Meikle, A. (99) 217)

Glucoamylase
Hormoconis resinae; Cloning; *Trichoderma reesei*; Transformation (Joutsjoki, V.V. (99) 237)

Glycerol accumulation
Zygosaccharomyces rouxii; Salt tolerance; Plasma membrane ATPase (Nishi, T. (99) 95)

Glycosaminoglycan
Candida albicans; Extracellular matrix; Fibronectin; Heparin (Klotz, S.A. (99) 205)

Gonococcal 63-kDa stress protein
B-cell epitope; *Neisseria* spp. (Pannekoek, Y. (99) 23)

Granule-associated proteins
PHA synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; *Chromatium vinosum*; *Escherichia coli*; *Alcaligenes eutrophus*; Lysozyme (Liebergesell, M. (99) 227)

Growth phase
Salmonella typhimurium; Plasmid; Virulence factor; Regulation; Sigma factor; *Escherichia coli* (Norel, F. (99) 271)

Growth-rate regulation
Escherichia coli; Factor for inversion stimulation; Stable RNA synthesis (Nilsson, L. (99) 85)

Haloarcula japonica
Triangular bacterium; Ultrastructure; Freeze-substitution (Nishiyama, Y. (99) 43)

Halotolerant bacteria
Antarctica; *Micrococcus* (Nicolaus, B. (99) 145)

Helicobacter pylori
Urease; Bimodal pH optima (Cesareo, S.D. (99) 15)

Hemoprotein
White-rot fungus; Peroxidase; Laccase; Lignin peroxidase; *Junghuhnia separabilima* (Vares, T. (99) 53)

Heparin
Candida albicans; Extracellular matrix; Fibronectin; Glycosaminoglycan (Klotz, S.A. (99) 205)

High pressure
Escherichia coli; Ethanol; Elongation (Tamura, K. (99) 321)

HNS nucleoid protein
Type 1 fimbriae; Gene regulation; Integration host factor; *Escherichia coli* (Dorman, C.J. (99) 125)

Hormoconis resinae
Glucoamylase; Cloning; *Trichoderma reesei*; Transformation (Joutsjoki, V.V. (99) 237)

Hybridization
Xylanase; *Prevotella ruminicola*; *Bacteroides ruminicola*; Rumen bacteria; Carboxymethylcellulase (Avguštin, G. (99) 137)

17β-Hydroxysteroid dehydrogenase
Fungi; Steroid oxidoreduction; Trichoderma viride (Lanišnik, T. (99) 49)

IgA
Cryptosporidium parvum; Mucosal antigen (Reperant, J.-M. (99) 7)

Immobilised capture probe
Fluorescein-12-dUTP; Reverse probing; Polymerase chain reaction; Mycobacteria (Woolford, A.J. (99) 311)

***recA* induction**
Photoreactivation; Mutagenesis; Ultraviolet light; *Escherichia coli* (Yamamoto, K. (99) 31)

Inorganic carbon concentration
CO_2-limited continuous culture; RuBisCo activity; *Synechococcus*; Polypeptide (42 kDa); Cyanobacteria (Bloye, S.A. (99) 79)

Integration host factor
Type 1 fimbriae; Gene regulation; HNS nucleoid protein; *Escherichia coli* (Dorman, C.J. (99) 125)

In vivo crystallization
Penicillin-binding protein; *Escherichia coli*; Cytoplasmic high-level expression (Van der Linden, M.P.G. (99) 117)

IS*256*
Staphylococcus aureus; Methicillin-resistant; Polymerase chain reaction; Restriction fragment length polymorphism (Wei, M.-Q. (99) 175)

Ixodes dammini
Borrelia burgdorferi detection; Canine ear tissue biopsy (Bosler, E.M. (99) 317)

JHJ-3 replicon
lacZα; Cosmid; *Streptomyces*; *Saccharopolyspora*; *Escherichia coli* (Gaudreau, L.R. (99) 257)

Junghuhnia separabilima
White-rot fungus; Hemoprotein; Peroxidase; Laccase; Lignin peroxidase (Vares, T. (99) 53)

Laccase
White-rot fungus; Hemoprotein; Peroxidase; Lignin peroxidase; *Junghuhnia separabilima* (Vares, T. (99) 53)

β-Lactamase
DNA hybridization; Polymerase chain reaction; *Streptomyces cacaoi* (Magdalena, J. (99) 101)

LD_{50}
Streptococcus suis; Murine model; Virulence (Beaudoin, M. (99) 111)

λ gt10
Xylanase cloning; *Chainia*; *Escherichia coli*; pUC8 (Chauthaiwale, V.M. (99) 265)

Lignin peroxidase
White-rot fungus; Hemoprotein; Peroxidase; Laccase; *Junghuhnia separabilima* (Vares, T. (99) 53)

Linear chromosome
Borrelia burgdorferi; *gyrA* Gene; *gyrB* Gene; *gidA* Gene (Old, I.G. (99) 245)

Lipopolysaccharide
Serratia marcescens; O Antigen (Oxley, D. (99) 209)

Low-pH resistant inhibitor
Streptomyces subtilisin inhibitor; SSI-like inhibitor; Secretory protein; Amino acid homology (Taguchi, S. (99) 293)

Luminescence-based microbial detection
Microbial activity in the soil; Genetically modified microbial inocula; *Pseudomonas fluorescens* (Meikle, A. (99) 217)

Lysozyme
PHA synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; Granule-associated proteins; *Chromatium vinosum*; *Escherichia coli*; *Alcaligenes eutrophus* (Liebergesell, M. (99) 227)

Marine cyanobacteria
Transconjugation; Plasmid stability; Broad host range vector (Sode, K. (99) 73)

Methicillin-resistant
Staphylococcus aureus; IS*256*; Polymerase chain reaction; Restriction fragment length polymorphism (Wei, M.-Q. (99) 175)

Microbial activity in the soil
Luminescence-based microbial detection; Genetically modified microbial inocula; *Pseudomonas fluorescens* (Meikle, A. (99) 217)

Micrococcus
Antarctica; Halotolerant bacteria (Nicolaus, B. (99) 145)

Mucosal antigen
Cryptosporidium parvum; IgA (Reperant, J.-M. (99) 7)

Murine model
Streptococcus suis; Virulence; LD_{50} (Beaudoin, M. (99) 111)

Mutagenesis
Photoreactivation; *recA* induction; Ultraviolet light; *Escherichia coli* (Yamamoto, K. (99) 31)

Mycobacteria
Fluorescein-12-dUTP; Reverse probing; Immobilised capture probe; Polymerase chain reaction (Woolford, A.J. (99) 311)

Mycobacterium aurum
Gene expression; Carotenogenesis; *Mycobacterium vaccae*; Photo-induction (Houssaini-Iraqui, M. (99) 233)

Mycobacterium vaccae
Gene expression; Carotenogenesis; *Mycobacterium aurum*; Photo-induction (Houssaini-Iraqui, M. (99) 233)

Mycoplasma
Contamination; Cell culture; Polymerase chain reaction (Spaepen, M. (99) 89)

Negative regulation
glyA operator; PurR repressor; *glyA–lac* Fusion; *Escherichia coli* (Steiert, J.G. (99) 299)

***Neisseria* spp.**
Gonococcal 63-kDa stress protein; B-cell epitope (Pannekoek, Y. (99) 23)

Nickel uptake
Nostoc muscorum; Polyphosphate body; Spheroplast (Singh, A.L. (99) 165)

Nocardioforms
Azo-dye decolorization; Degradation of xenobiotics; DNA cloning; *Rhodococcus* (Heiss, G.S. (99) 221)

Nostoc muscorum
Nickel uptake; Polyphosphate body; Spheroplast (Singh, A.L. (99) 165)

Nucleoside hydrolase
Pyrimidine; Dihydropyrimidine dehydrogenase; Dihydropyrimidinase; Taxonomy; *Pseudomonas* (West, T.P. (99) 305)

Nucleotide sequence
Aeromonas salmonicida; Serine protease (Whitby, P.W. (99) 65)

O Antigen
Serratia marcescens; Lipopolysaccharide (Oxley, D. (99) 209)

***glyA* operator**
PurR repressor; *glyA–lac* Fusion; Negative regulation; *Escherichia coli* (Steiert, J.G. (99) 299)

Operon
Calvin cycle; Structural gene; Regulatory gene; Regulon; Phototrophic bacteria; Chemoautotrophic bacteria (Tabita, F.R. (99) 107)

Ornithine transcarbamylase
Aspergillus terreus; Transformation; OTCase; Arginine mutant; *arg1*; Chromosomal integration (Ventura, L. (99) 187)

Osmotic upshock
DNA supercoiling; Potassium ions; DnaK; *Escherichia coli* (Meury, J. (99) 159)

OTCase
Aspergillus terreus; Transformation; Ornithine transcarbamylase; Arginine mutant; *arg1*; Chromosomal integration (Ventura, L. (99) 187)

Pathogens
Two-component regulatory protein; Response regulator; PCR with degenerate oligonucleotide primers (Wren, B.W. (99) 287)

PCR with degenerate oligonucleotide primers
Two-component regulatory protein; Response regulator; Pathogens (Wren, B.W. (99) 287)

Penicillin-binding protein
Escherichia coli; Cytoplasmic high-level expression; In vivo crystallization (Van der Linden, M.P.G. (99) 117)

Peroxidase
White-rot fungus; Hemoprotein; Laccase; Lignin peroxidase; *Junghuhnia separabilima* (Vares, T. (99) 53)

P-fimbriae
Escherichia coli; Toxins; Virulence (Blanco, J. (99) 131)

PHA synthase
Poly(3-hydroxybutyric acid); Biodegradable polyester; PHB granule; Granule-associated proteins; *Chromatium vinosum*; *Escherichia coli*; *Alcaligenes eutrophus*; Lysozyme (Liebergesell, M. (99) 227)

PHB granule
PHA synthase; Poly(3-hydroxybutyric acid); Biodegradable polyester; Granule-associated proteins; *Chromatium vinosum*; *Escherichia coli*; *Alcaligenes eutrophus*; Lysozyme (Liebergesell, M. (99) 227)

PhoE protein
Citrobacter freundii; Pore protein; *pho* Regulon; DNA probe; Polymerase chain reaction (Spierings, G. (99) 199)

Photo-induction
Gene expression; Carotenogenesis; *Mycobacterium aurum*; *Mycobacterium vaccae* (Houssaini-Iraqui, M. (99) 233)

Photoreactivation
recA induction; Mutagenesis; Ultraviolet light; *Escherichia coli* (Yamamoto, K. (99) 31)

Phototrophic bacteria
Calvin cycle; Structural gene; Regulatory gene; Operon; Regulon; Chemoautotrophic bacteria (Tabita, F.R. (99) 107)

Plasma membrane ATPase
Zygosaccharomyces rouxii; Glycerol accumulation; Salt tolerance (Nishi, T. (99) 95)

Plasmid
Enterococcus faecalis; Bacteriocin; Conjugation (Salzano, G. (99) 1)

Salmonella typhimurium; Virulence factor; Regulation; Growth phase; Sigma factor; *Escherichia coli* (Norel, F. (99) 271)

Plasmid encoded
Staphylococcus lugdunensis; Cadmium (Poitevin-Later, F. (99) 59)

Plasmid stability
Marine cyanobacteria; Transconjugation; Broad host range vector (Sode, K. (99) 73)

Poly(3-hydroxybutyric acid)
PHA synthase; Biodegradable polyester; PHB granule; Granule-associated proteins; *Chromatium vinosum*; *Escherichia coli*; *Alcaligenes eutrophus*; Lysozyme (Liebergesell, M. (99) 227)

Polymerase chain reaction
Contamination; Cell culture; *Mycoplasma* (Spaepen, M. (99) 89)

DNA hybridization; β-Lactamase; *Streptomyces cacaoi* (Magdalena, J. (99) 101)

Staphylococcus aureus; Methicillin-resistant; IS*256*; Restriction fragment length polymorphism (Wei, M.-Q. (99) 175)

Citrobacter freundii; Pore protein; PhoE protein; *pho* Regulon; DNA probe (Spierings, G. (99) 199)

Fluorescein-12-dUTP; Reverse probing; Immobilised capture probe; Mycobacteria (Woolford, A.J. (99) 311)

Polypeptide (42 kDa)
CO_2-limited continuous culture; Inorganic carbon concentration; RuBisCo activity; *Synechococcus*; Cyanobacteria (Bloye, S.A. (99) 79)

Polyphosphate body
Nickel uptake; *Nostoc muscorum*; Spheroplast (Singh, A.L. (99) 165)

Pore protein
Citrobacter freundii; PhoE protein; *pho* Regulon; DNA probe; Polymerase chain reaction (Spierings, G. (99) 199)

Pore proteins
Campylobacter jejuni; *Escherichia coli*; Antigenicity of bacterial membrane proteins (Kervella, M. (99) 281)

Potassium ions
DNA supercoiling; Osmotic upshock; DnaK; *Escherichia coli* (Meury, J. (99) 159)

Prevotella ruminicola
Xylanase; *Bacteroides ruminicola*; Rumen bacteria; Carboxymethylcellulase; Hybridization (Avguštin, G. (99) 137)

Protoplast fusion
Transformation; *Saccharomyces* (Reeves, E. (99) 193)

Pseudomonas
Pyrimidine; Nucleoside hydrolase; Dihydropyrimidine dehydrogenase; Dihydropyrimidinase; Taxonomy (West, T.P. (99) 305)

Pseudomonas aeruginosa
Alginate; Alginate gene; Southern hybridization (Fett, W.F. (99) 151)

Pseudomonas fluorescens
Microbial activity in the soil; Luminescence-based microbial detection; Genetically modified microbial inocula (Meikle, A. (99) 217)

PurR repressor
glyA operator; *glyA–lac* Fusion; Negative regulation; *Escherichia coli* (Steiert, J.G. (99) 299)

Pyrimidine
Nucleoside hydrolase; Dihydropyrimidine dehydrogenase; Dihydropyrimidinase; Taxonomy; *Pseudomonas* (West, T.P. (99) 305)

Regulation
Salmonella typhimurium; Plasmid; Virulence factor; Growth phase; Sigma factor; *Escherichia coli* (Norel, F. (99) 271)

Regulatory gene
Calvin cycle; Structural gene; Operon; Regulon; Phototrophic bacteria; Chemoautotrophic bacteria (Tabita, F.R. (99) 107)

Regulon
Calvin cycle; Structural gene; Regulatory gene; Operon; Phototrophic bacteria; Chemoautotrophic bacteria (Tabita, F.R. (99) 107)

***pho* Regulon**
Citrobacter freundii; Pore protein; PhoE protein; DNA probe; Polymerase chain reaction (Spierings, G. (99) 199)

Response regulator
Two-component regulatory protein; PCR with degenerate oligonucleotide primers; Pathogens (Wren, B.W. (99) 287)

Restriction fragment length polymorphism
Staphylococcus aureus; Methicillin-resistant; IS*256*; Polymerase chain reaction (Wei, M.-Q. (99) 175)

Reverse probing
Fluorescein-12-dUTP; Immobilised capture probe; Polymerase chain reaction; Mycobacteria (Woolford, A.J. (99) 311)

Rhodococcus
Azo-dye decolorization; Degradation of xenobiotics; DNA cloning; Nocardioforms (Heiss, G.S. (99) 221)

RuBisCo activity
CO_2-limited continuous culture; Inorganic carbon concentration; *Synechococcus*; Polypeptide (42 kDa); Cyanobacteria (Bloye, S.A. (99) 79)

Rumen bacteria
Xylanase; *Prevotella ruminicola*; *Bacteroides ruminicola*; Carboxymethylcellulase; Hybridization (Avguštin, G. (99) 137)

Saccharomyces
Transformation; Protoplast fusion (Reeves, E. (99) 193)

Saccharopolyspora
lacZα; JHJ-3 replicon; Cosmid; *Streptomyces*; *Escherichia coli* (Gaudreau, L.R. (99) 257)

Salmonella typhimurium
Plasmid; Virulence factor; Regulation; Growth phase; Sigma factor; *Escherichia coli* (Norel, F. (99) 271)

Salt tolerance
Zygosaccharomyces rouxii; Glycerol accumulation; Plasma membrane ATPase (Nishi, T. (99) 95)

Secretory protein
Streptomyces subtilisin inhibitor; SSI-like inhibitor; Low-pH resistant inhibitor; Amino acid homology (Taguchi, S. (99) 293)

Serine protease
Aeromonas salmonicida; Nucleotide sequence (Whitby, P.W. (99) 65)

Serratia marcescens
Lipopolysaccharide; O Antigen (Oxley, D. (99) 209)

Sigma factor
Salmonella typhimurium; Plasmid; Virulence factor; Regulation; Growth phase; *Escherichia coli* (Norel, F. (99) 271)

Southern hybridization
Alginate; Alginate gene; *Pseudomonas aeruginosa* (Fett, W.F. (99) 151)

Spheroplast
Nickel uptake; *Nostoc muscorum*; Polyphosphate body (Singh, A.L. (99) 165)

Spore
Bacillus subtilis; Biocide; Sublethal injury (Williams, N.D. (99) 277)

SSI-like inhibitor
Streptomyces subtilisin inhibitor; Secretory protein; Low-pH resistant inhibitor; Amino acid homology (Taguchi, S. (99) 293)

Stable RNA synthesis
Escherichia coli; Factor for inversion stimulation; Growth-rate regulation (Nilsson, L. (99) 85)

Staphylococcus aureus
Methicillin-resistant; IS*256*; Polymerase chain reaction; Restriction fragment length polymorphism (Wei, M.-Q. (99) 175)

Staphylococcus lugdunensis
Cadmium; Plasmid encoded (Poitevin-Later, F. (99) 59)

Steroid oxidoreduction
Fungi; 17β-Hydroxysteroid dehydrogenase; Trichoderma viride (Lanišnik, T. (99) 49)

Streptococcus suis
Murine model; Virulence; LD_{50} (Beaudoin, M. (99) 111)

Streptomyces
lacZα; JHJ-3 replicon; Cosmid; *Saccharopolyspora*; *Escherichia coli* (Gaudreau, L.R. (99) 257)

Streptomyces cacaoi
DNA hybridization; β-Lactamase; Polymerase chain reaction (Magdalena, J. (99) 101)

***Streptomyces* subtilisin inhibitor**
SSI-like inhibitor; Secretory protein; Low-pH resistant inhibitor; Amino acid homology (Taguchi, S. (99) 293)

Structural gene
Calvin cycle; Regulatory gene; Operon; Regulon; Phototrophic bacteria; Chemoautotrophic bacteria (Tabita, F.R. (99) 107)

Sublethal injury
Bacillus subtilis; Spore; Biocide (Williams, N.D. (99) 277)

Synechococcus
CO_2-limited continuous culture; Inorganic carbon concentration; RuBisCo activity; Polypeptide (42 kDa); Cyanobacteria (Bloye, S.A. (99) 79)

Taxonomy
Pyrimidine; Nucleoside hydrolase; Dihydropyrimidine dehydrogenase; Dihydropyrimidinase; *Pseudomonas* (West, T.P. (99) 305)

Toxins
Escherichia coli; P-fimbriae; Virulence (Blanco, J. (99) 131)

Transconjugation
Marine cyanobacteria; Plasmid stability; Broad host range vector (Sode, K. (99) 73)

Transformation
Aspergillus terreus; Ornithine transcarbamylase; OTCase; Arginine mutant; *arg1*; Chromosomal integration (Ventura, L. (99) 187)

Protoplast fusion; *Saccharomyces* (Reeves, E. (99) 193)

Glucoamylase; *Hormoconis resinae*; Cloning; *Trichoderma reesei* (Joutsjoki, V.V. (99) 237)

Triangular bacterium
Haloarcula japonica; Ultrastructure; Freeze-substitution (Nishiyama, Y. (99) 43)

Trichoderma reesei
Glucoamylase; *Hormoconis resinae*; Cloning; Transformation (Joutsjoki, V.V. (99) 237)

Trichoderma viride
Fungi; 17β-Hydroxysteroid dehydrogenase; Steroid oxidoreduction (Lanišnik, T. (99) 49)

Two-component regulatory protein
Response regulator; PCR with degenerate oligonucleotide primers; Pathogens (Wren, B.W. (99) 287)

Type 1 fimbriae
Gene regulation; HNS nucleoid protein; Integration host factor; *Escherichia coli* (Dorman, C.J. (99) 125)

pUC8
Xylanase cloning; *Chainia*; *Escherichia coli*; λ gt10 (Chauthaiwale, V.M. (99) 265)

Ultrastructure
Triangular bacterium; *Haloarcula japonica*; Freeze-substitution (Nishiyama, Y. (99) 43)

Ultraviolet light
Photoreactivation; *recA* induction; Mutagenesis; *Escherichia coli* (Yamamoto, K. (99) 31)

Urease
Helicobacter pylori; Bimodal pH optima (Cesareo, S.D. (99) 15)

Virulence
Streptococcus suis; Murine model; LD_{50} (Beaudoin, M. (99) 111)

Escherichia coli; P-fimbriae; Toxins (Blanco, J. (99) 131)

Virulence factor
Salmonella typhimurium; Plasmid; Regulation; Growth phase; Sigma factor; *Escherichia coli* (Norel, F. (99) 271)

White-rot fungus
Hemoprotein; Peroxidase; Laccase; Lignin peroxidase; *Junghuhnia separabilima* (Vares, T. (99) 53)

Xylanase
Prevotella ruminicola; *Bacteroides ruminicola*; Rumen bacteria; Carboxymethylcellulase; Hybridization (Avguštin, G. (99) 137)

Xylanase cloning
Chainia; *Escherichia coli*; λ gt10; pUC8 (Chauthaiwale, V.M. (99) 265)

Yeast adhesion
Candida albicans; Cell-surface hydrophobicity (Ener, B. (99) 37)

lacZα
JHJ-3 replicon; Cosmid; *Streptomyces*; *Saccharopolyspora*; *Escherichia coli* (Gaudreau, L.R. (99) 257)

Zygosaccharomyces rouxii
Glycerol accumulation; Salt tolerance; Plasma membrane ATPase (Nishi, T. (99) 95)